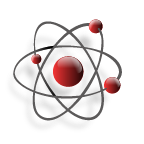
#### Chemistry 161: Chemistry for the Health Sciences



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| --- | --- | --- |
| Fall 2011 **Class Meeting Times:**5:30 pm – 8:30 pm  **Lecture:** Tuesday (**Holdroy 390**) Lab: Thursday (Holdroy 301) |  | Loreen LaBelle (Holdroy 343) **Office phone:** (215) 951-5130  **Email:**[**LaBelle@lasalle.edu**](mailto:LaBelle@lasalle.edu)  **Office Hours:**5:00 – 5:30 T & Th |

### SUPPLEMENTAL INSTRUCTION

This course is a “historically difficult” course so Supplemental Instruction (SI) has been attached to it to help you get the most out of your efforts with this course. With SI, a trained student, who has already successfully taken this course, attends the class and conducts weekly review/study sessions for the students. The SI Leader knows the course content and can share with you successful study techniques for this course. The review sessions also offer you an opportunity to work with other students to share notes and study strategies. Not only will SI help you with this course, it will also help you have a deeper understanding/retention of the course information you will need as you progress in your major and career goals. ***Though attendance is voluntary, I strongly urge you to attend the review sessions as they are intended for everyone. Tonya Rice will be the SI for this course.***

### EXPECTATIONS

* This is an evening lecture course that meets only once per week, therefore please be prepared to attend every class&every lab . **Missing more than 3 classes will result in course failure.**
* Come to class prepared to work; cell phones should be turned to vibrate (please go to the hallway to use your phone).
* **All work** is expecteded to be done **on time and completely**.
* You should be doing a lot of reading on a daily basis oustide the classroom, failure to read or do the assignments will greatly affect your grade in this class.
* Since everything in Chemistry builds upon the previous topic, please see me or Tonya Rice (SI) early, or obtain an outside tutor if there is something you are not understanding.

##### REQUIRED MATERIALS

**Lecture**:

Textbook: Fundamentals of General, Organic and Biological Chemistry, LaSalle Edition

Subscription to Mastering Chemistry.com (comes free with text or can be purchased separately)

Scientific Calculator (**does not** need to be a graphing calculator)

**Lab:** (All materials should be purchased the either prior to lab or the first night of lab)

##### SCHEDULE

This schedule below is not set in stone; small adjustments will be made if needed.

|  |  |  |
| --- | --- | --- |
| **Meeting Time** | **Topic** | **Assessment** |
| Aug 30 | Introduction; Measurements & Dimensional Analysis |  |
| Sept 6 | Dimensional Analysis & Matter | **Quiz #1** |
| Sept 13 | Atomic Theory & Isotopes | **Exam #1** |
| Sept 20 | EMS, Electron Configurations |  |
| Sept 27 | Bonding | **Quiz #2**; |
| Oct 4 | Bonding |  |
| Oct 11 | Reactions | **Exam #2** |
| Oct 18 | Fall Break |  |
| Oct 25 | Stoichiometry | **Quiz #3** |
| Nov 1 | Stoichiometry |  |
| Nov 8 | Thermochemistry | **Exam #3** |
| Nov 15 | Gas Laws |  |
| Nov 22 | Concentration Units, Solutions, Acid-Base | **Quiz #4** |
| Nov 29 | Organic Chemistry |  |
| Dec 6 | Enzyme & Biochemistry |  |
| Dec 13 | **Final Exam** | **(Counts as Test #4)** |

**GRADING**

Your grade will be determined by attendance, quizzes, lab reports, and tests.

**CRITERIA FOR GRADE:**

Attendance 5%

Homework 15%

Lab Grade 25%

Quizzes 20%

Tests 35%

100%